



SEQUENCE LISTING

<110> OLSON, ERIC
FREY, NORBERT

<120> METHODS AND COMPOSITIONS RELATING TO MUSCLE SPECIFIC
CALCINEURIN ASSOCIATED PROTEIN (CAP)

<130> UTSD:729US

<140> 10/045,594
<141> 2001-11-07

<150> 60/246,629
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<170> PatentIn Ver. 2.1

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Ser Asp Lys Tyr Thr Phe Glu Asn Phe Gln Tyr Gln Ser Arg Ala Gln
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Ile Asn His Ser Ile Ala Met Gln Asn Gly Lys Val Asp Gly Ser Asn
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195 200 205

Phe Glu Leu Leu Leu Leu Thr Asp Pro Arg Phe Met Ser Phe Val Asn
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Pro Leu Ser Gly Arg Arg Ser Phe Asn Arg Thr Pro Lys Gly Trp Ile
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Gln Leu Glu Thr Ala Gly Gln Gly Phe Ser Tyr Gly Lys Gly Ser Ser
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Arg His Gln Gln Gly Ser Gly Phe Gly Ala Gly Gly Ser Gly Gly Pro
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Gly Gly Gln Ala Gly Gly Gly Ala Pro Gly Thr Val Gly Leu Gly
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Glu Pro Gly Ser Gly Asp Gln Ala Gly Gly Asp Gly Lys His Val Thr
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Val Phe Lys Thr Tyr Ile Ser Pro Trp Asp Arg Ala Met Gly Val Asp
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Pro Gln Gln Lys Val Glu Leu Gly Ile Asp Leu Leu Ala Tyr Gly Ala
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Leu Ser Leu Leu Thr Asn Arg Gly Ser Lys Met Phe Lys Leu Arg Gln
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Met Arg Val Glu Lys Phe Ile Tyr Glu Asn His Pro Asp Val Phe Ser
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Asp Ser Ser Met Asp His Phe Gln Lys Phe Leu Pro Thr Val Gly Gly
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Gln Leu Gly Thr Ala Gly Gln Gly Phe Ser Tyr Ser Lys Ser Asn Gly
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Arg Gly Gly Ser Gln Ala Gly Gly Ser Gly Ser Ala Gly Gln Tyr Gly
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Ser Asp Gln Gln His His Leu Gly Ser Gly Ser Gly Ala Gly Gly Thr
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Leu Tyr Asn Gln Asn Leu Ser Asn Arg Pro Ser Phe Asn Arg Thr Pro
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His Phe Ser Asn Arg Gly Ala Arg Leu Phe Lys Met Arg Gln Arg Arg
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Ser Asp Lys Tyr Thr Phe Glu Asn Phe Gln Tyr Glu Ser Arg Ala Gln
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Ile Asn His Asn Ile Ala Met Gln Asn Gly Arg Val Asp Gly Ser Asn
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Leu Glu Gly Ser Gln Gln Gly Pro Ser Thr Pro Pro Asn Thr Pro
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Asp Pro Arg Ser Pro Pro Asn Pro Glu Asn Ile Ala Pro Gly Tyr Ser
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Gly Pro Leu Lys Glu Ile Pro Pro Glu Arg Phe Asn Thr Thr Ala Val
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Pro Lys Tyr Tyr Arg Ser Pro Trp Glu Gln Ala Ile Gly Ser Asp Pro
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Ala Glu Leu Arg Asp Tyr Arg Ser Phe Asn Arg Val Ala Thr Pro Phe
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Ser Leu Leu Phe Gln Lys Arg Gln Arg Arg Val Gln Lys Phe Thr Phe
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Glu Leu Ser Glu Ser Leu Gln Ala Ile Leu Ala Ser Ser Ala Arg Gly
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Lys Val Ala Gly Arg Ala Ala Gln Ala Thr Val Pro Asn Gly Leu Glu
85 90 95

Glu Gln Asn His His Ser Glu Thr His Val Phe Gln Gly Ser Pro Gly
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Asp Pro Gly Ile Thr His Leu Gly Ala Ala Gly Thr Gly Ser Val Arg
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Ser Pro Ser Ala Leu Ala Pro Gly Tyr Ala Glu Pro Leu Lys Gly Val
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Pro Pro Glu Lys Phe Asn His Thr Ala Ile Pro Lys Gly Tyr Arg Cys
145 150 155 160

Pro Trp Gln Glu Phe Thr Ser Tyr Gln Asp Tyr Ser Ser Gly Ser Arg
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Ser His Thr Pro Ile Pro Arg Asp Tyr Arg Asn Phe Asn Lys Thr Pro
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Val Pro Phe Gly Gly Pro His Val Arg Glu Ala Ile Phe His Ala Gly
195 200 205

Thr Pro Phe Val Pro Glu Ser Phe Ser Gly Leu Glu Leu Leu Arg Leu
210 215 220

Arg Pro Asn Phe Asn Arg Val Ala Gln Gly Trp Val Arg Lys Leu Pro
225 230 235 240

Glu Ser Glu Glu Leu
245